

Datasheet for ABIN7646457 **anti-SLC7A11 antibody**



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Overview

Quantity:	100 µL
Target:	SLC7A11
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC7A11 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Solute Carrier Family 7, Member 11 (SLC7A11)
Immunogen:	RPE410Ra01Recombinant Solute Carrier Family 7, Member 11 (SLC7A11)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against SLC7A11. It has been selected for its ability to recognize SLC7A11 in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	SLC7A11
Alternative Name:	SLC7A11 (SLC7A11 Products)

Target Details

Background: CCB1, xCT, Cystine/Glutamate Transporter, Cationic Amino Acid Transporter, y⁺ System, Amino acid transport system xc⁻, Calcium channel blocker resistance protein CCB1

UniProt: [D4ADU2](#)

Application Details

Application Notes: Western blotting: 0.01-2 µg/mL, Immunohistochemistry: 5-20 µg/mL, Immunocytochemistry: 5-20 µg/mL, Optimal working dilutions must be determined by end user.

Comment: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5 mg/mL

Buffer: 0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.